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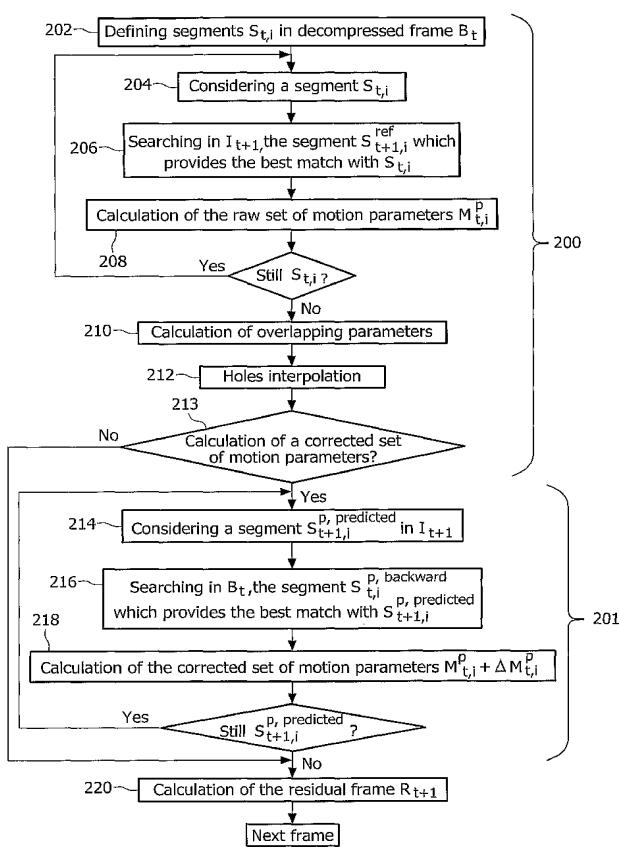
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(54) Title: METHOD FOR COMpressing/DEcompressing VIDEO INFORMATION



(57) **Abstract:** The invention relates to a method for compressing video information in a video sequence (I_t, I_{t+1}) . According to the invention, this method comprises the steps of: . segmenting a first video frame (B_t) into segments $(S_{t,i})$; . for each segment $(S_{t,i})$ of the first video frame (B_t) : - searching, in a second video frame (I_{t+1}) , a corresponding predicted segment (I) which matches with the segment $(S_{t,i})$ of the first video frame (B_t) ; - calculating a raw set of motion parameters (II) describing the motion between the segment $(S_{t,i})$ and the corresponding predicted segment (I) ; and . for each corresponding predicted segment (I) : - searching, in the first video frame (B_t) , a corresponding segment (III) that matches with the predicted segment (I) of the second video frame (I_{t+1}) ; - calculating a best set of motion parameters (IV) which describes the motion between the corresponding segment (III) and the predicted segment (I) .



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